

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kyoichi NARIAI  
Title: PIEZOELECTRIC ELEMENT  
DRIVING CIRCUIT AND DRIVING  
METHOD  
Appl. No.: Unassigned  
Filing Date: May 23, 2000  
Examiner: Unassigned  
Art Unit: Unassigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Assistant Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

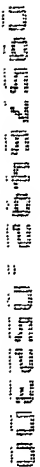
Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Kyoichi NARIAI

Enclosed are:

- [ X ] Specification, Claim(s), and Abstract (28 pages).
- [ X ] Formal drawings (9 sheets, Figures 1-12).
- [ X ] Declaration and Power of Attorney (2 pages).
- [ X ] Assignment of the invention to NEC CORPORATION.
- [ X ] Assignment Recordation Cover Sheet.
- [ X ] Claim for Convention Priority and Priority Document.
- [ X ] Information Disclosure Statement.
- [ X ] Form PTO-1449 with copies of 3 listed reference(s).



The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$690.00	\$690.00
Total Claims:	11	- 20	= 0	x \$18.00	= \$0.00
Independents:	3	- 3	= 0	x \$78.00	= \$0.00
If any Multiple Dependent Claim(s) present:				+ \$260.00	= \$0.00
Assignment Recording Fee per property:				+ \$40.00	= \$40.00
				SUBTOTAL:	= \$730.00
[ ] Small Entity Fees Apply (subtract ½ of above):					= \$0.00
				TOTAL FILING FEE:	= \$730.00

- [ X ] A check in the amount of \$730.00 to cover the filing fee is enclosed.
- [ ] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [ X ] The Assistant Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Assistant Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date: May 23, 2000

FOLEY & LARDNER  
Washington Harbour  
3000 K Street, N.W., Suite 500  
Washington, D.C. 20007-5109  
Telephone: (202) 672-5407  
Facsimile: (202) 672-5399

By Phillip J. Artale *Reg. No. 38,819*  
for / David A. Blumenthal  
Attorney for Applicant  
Registration No. 26,257

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

05/31/2000 220V18 00000004 09576492  
01 FC:101 690.00 EP

PTO-1556  
(5/87)